AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1.   (Currently Amended) A method of inputting text into a data processing apparatus, including the steps of:

a. providing a database of words that are arranged hierarchically into plural categories based on a common characteristic, each category having a plurality of levels based on a common language structure;

b. advancing through the word hierarchy based on a sequence of keystrokes input by a [[user]] user, the sequence of keystrokes being used to select a candidate word from the database;

c. displaying, in [[said]] a first window, a plurality of said words provided in the database as the user advances through the hierarchy plural lines of text associated with the sequence of keystrokes, wherein each of said plurality of words is a multi-level hierarchy that is integrated into single text line each line of text represents a relationship between the candidate word and a respective category provided in the database as the user advances through the hierarchy;

d. iteratively selecting at least one first word from said plurality of words a line of text from said plural lines of text shown in said first window based on the candidate word; [[and]]

e. displaying said at least one first word selected in said step (d) selected lines of text in a second window[[,]] wherein said at least one first word is displayed

~~in said second window in a descriptor that includes at least one second word located in at least one immediately preceding level in the word hierarchy, and wherein the at least one first word and the at least one second word are integrated into a single text line~~ ; and

> f. <u>arrange the candidate words of each selected line of text into a sentence</u>.

2.   (Original) The method of claim 1 wherein said data processing apparatus comprises a personal computer.

3.   (Original) The method of claim 1 wherein said data processing apparatus comprises a personal digital assistant.

4.   (Original) The method of claim 1 wherein said database of words is provided in a memory of said data processing apparatus.

5.   (Previously Presented) The method of claim 1 wherein said output in said step (e) includes an audio output.

6.-8. (Cancelled)

9.   (Currently Amended) The method of claim 1 further including ~~a step (f)~~ ~~of~~ displaying a ~~plurality of chosen words~~ <u>plural selected lines of text</u> in said second window.

10.   (Currently Amended) The method of claim 1 wherein ~~said~~ words

comprising the selected line of text are displayed in said second window in a

relational manner.

11.   (Currently Amended) The method of claim 1 further including ~~a step~~

~~(g) of~~ adding additional words into said database.

12.   (Original) The method of claim 1 further allowing all occurrences of a

word to be changed.

13.   (Currently Amended) A computer-readable medium containing a

computer program configured and executable, when installed in a data processing

apparatus, to

(a) provide in said data processing apparatus a database of words that are

arranged hierarchically into plural categories based on a common characteristic,

each category having a plurality of levels ~~based on a common language structure~~,

(b) advance through the word hierarchy based on keystrokes input by a user,

the input keystrokes being used to select a candidate word from the database,

(c) display, in a first window, ~~a plurality of said words~~ plural lines of text, each

line of text representing a relationship between the candidate word and a respective

category provided in the database as the user advances through the word hierarchy,

(d) iteratively select ~~at least one first word from said plurality of words~~ a line of

text from said plural lines of text displayed in said first window based on the

candidate word; ~~and~~

(e) display said ~~at least one first word~~ selected ~~in (d)~~ <u>lines of text</u> in a second window[[,]] ~~wherein said at least one first word is displayed in said second window in a descriptor that includes at least one second word of at least one immediately preceding level in the word hierarchy, and wherein the at least one first word and the at least one second word are integrated into a single text line~~ <u>; and</u>

<u>(f) arrange the candidate words of each selected line of text into a sentence</u>.

14.   (Cancelled)

15.   (Previously Presented) The medium of claim 13 wherein said medium is an optically readable data disc.

16.   (Currently Amended) The method of claim 1 wherein ~~said descriptor~~ <u>each line of text</u> comprises ~~said at least one first word chosen in said step (d) with said at least one second word of the at least one immediately preceding level~~ <u>plural words, each word representing a level in the word hierarchy and the words being separated by a "\" symbol</u>.

17. - 19. (Canceled)

20.   (Currently Amended) The method of claim 9, further comprising:

processing the ~~plurality of words~~ <u>plural lines of text</u> displayed in the second window based on interrelationships between the displayed words.

21.   (Previously Presented) The method of claim 1, wherein the words are indexed in the database based on a common root feature.

22.   (Currently Amended) The method of claim 1, wherein the <u>common characteristic of</u> words <s>are grouped into at least one common category in the database based on</s> <u>arranged hierarchically in the database includes at least one of a common</u> significance [[and/or]] <u>and a common</u> meaning of the words.

23.   (New) A method of inputting text into a data processing apparatus wherein words in a database are provided for current selection, the currently selected words being appended to a previously selected word whereby a sentence is formed, the method comprising the steps of:

(a)   arranging the words hierarchically in the database, based on a common characteristic, the hierarchical arrangement having plural categories wherein each category having a plurality of levels;

(b)   advancing through the word hierarchy based on a sequence of keystrokes input by a user, the sequence of keystrokes being used to select a candidate word from the database;

(c)   displaying, in a first window, plural lines of text associated within the sequence of keystrokes, wherein each line of text represents a relationship between the candidate word and a respective category provided in the database as the user advances through the hierarchy;

(d)   iteratively selecting a line of text from said plural lines of text shown in said first window based on the candidate word;

(e)　　displaying said selected lines of text in a second window; and

(f)　　arrange the candidate words of each selected line of text into the

sentence.

24.　　(New) The method of claim 23 wherein said data processing

apparatus comprises a personal computer.

25.　　(New) The method of claim 23 wherein said data processing

apparatus comprises a personal digital assistant.

26.　　(New) The method of claim 23 wherein said database of words is

provided in a memory of said data processing apparatus.

27.　　(New) The method of claim 23 wherein said output in said step (e)

includes an audio output.

28.　　(New) The method of claim 23 further including displaying a plural

selected lines of text in said second window.

29.　　(New) The method of claim 28, further comprising:

processing the plural lines of text displayed in the second window

based on interrelationships between the displayed words.

30. (New) The method of claim 23 wherein words comprising the selected line of text are displayed in said second window in a relational manner.

31. (New) The method of claim 23 further including adding additional words into said database.

32. (New) The method of claim 23 further allowing all occurrences of a word to be changed.

33. (New) The method of claim 23 wherein each line of text comprises plural words, each word representing a level in the word hierarchy and the words being separated by a "\" symbol.

34. (New) The method of claim 23, wherein the words are indexed in the database based on a common root feature.

35. (New) The method of claim 23, wherein the common characteristic of words arranged hierarchically in the database includes at least one of a common significance and a common meaning of the words.

36. (New) A computer-readable medium containing computer program that when installed in a data processing apparatus, provides words for current selection that are appended to a previously selected word whereby a sentence is formed, the computer-readable medium be configured to:

(a)   provide in said data processing apparatus a database of words that are arranged hierarchically into plural categories based on a common characteristic, each category having a plurality of levels;

(b)   advance through the word hierarchy based on keystrokes input by a user, the input keystrokes being used to select a candidate word from the database;

(c)   display, in a first window, plural lines of text, each line of text representing a relationship between the candidate word and a respective category provided in the database as the user advances through the hierarchy;

(d)   iteratively select a line of text from said plural lines of text shown in said first window based on the candidate word;

(e)   display said selected lines of text in a second window; and

(f)   arrange the candidate words of each selected line of text into a sentence.

37.   The medium of claim 36 wherein said medium is an optically readable data disc.